PoE PIR IP Dome Camera

FCS-3031

H/W Version: 1

Product Overview

FCS-3031 is a Dome Type PoE Network Camera for consumer markets. This IP Camera comes with a high-quality progressive 1/4" CMOS sensor. It also streams real-time audio and video in MPEG4/MJPEG video compression formats over a PoE enabled LAN network or in 3GPP compression format for streaming over a 3G mobile network.

Powerful, feature rich PoE IP Network Camera

Despite its compact size, FCS-3031 features fixed focus lens, two-way audio capability, and excellent video quality. IEEE 802.3af PoE compliant, users can install the camera without concerns about the power outlet located near the camera for easy deployment of a PoE enable LAN network.

Passive InfraRed (PIR) Sensor

When people pass by or in an emergency situation, the built-in PIR motion detection sensor will "detect" and start recording automatically, which is able to detect movement up to 5 meters away.
When motion is detected at the specified regions, the additional function of alarm notification can send an E-mail alert or send captured images via FTP upload to a designated storage server.

Bundled LevelOne IP CamSecure Lite

FCS-3031 comes bundled with the LevelOne IP CamSecure Lite Surveillance Management Software. This allows users to monitor cameras up to 32 channels simultaneously.

1. PIR Sensor
2. Lens
3. DC Power Jack
4. RJ-45 Ethernet Port
5. I/O Ports
6. Reset Button
7. 3.5mm Phone Jack

Key Features

- High-quality Progressive 1/4" CMOS image sensor at VGA (640x480) resolution
- Provide MPEG4 Simple Profile and MJPEG video streams simultaneously (up to 30fps)
- Supports analog output (NTSC/PAL) for installation purpose
- Hardware 128-bit AES and 64-bit DES/3DES data encryption
- Supports dual directions voice (G.726 at 8K sampling rate and 16K bit rate) in full duplex
- Supports up to 10 viewers simultaneously
- Motion Detection by analyzing the video stream
- Supports HTTP streaming in MPEG4 and MJPEG video format
- Provide 1 additional 160x120 MPEG4 video stream for cell phone access (through RTP)
- Built-in PIR Sensor for Motion Detection

Works Well With

NVR-0204
4-CH Network Video Recorder

WBR-6022
300Mbps HomeGuard 22
Residential Gateway

Technical Specification

Hardware Specifications

System & Network
- CPU: Soc with Hardware MPEG-4 SP/MJPEG Encoders
- Flash ROM: 4 Mbytes
- SDRAM: 32 Mbytes
- LAN: Ethernet 10/100BaseT, Auto-MDIX,

Connectors
- Ethernet, RJ45 connector
- Microphone Input, Speaker Output, Analog Output, 3.5mm Phone Jack (Need a convert cable)
- Power Jack, 2.1mm Phone Jack
- Reset Button, Tack switch

I/O Ports (Dry Contact)
- Input Control x 1
- Output Control x 1
- Ground x2

Power Consumption
10W

Power Adapter
- External Power Adapter: 12V/1A, 90 degree, 2.5mm, 110~240 VAC/60Hz, Switching
- PoE: 48V/0.3A

PIR Sensor
- Sensitivity distance: 5 meters
- Angle degree: 75 degree (cone)
- Focus distance: 6~9 meters

Minimum Illumination
0.5 Lux

Optical
- Image Sensor: Progressive 1/4" CMOS sensor, VGA 640x480, Digital Interface
- Lens: F2.0 Fixed Focus lens, Effective Range: 50cm to infinity

Mechanism
- Dimension: Φ144mm x 145mm (subject to change)
- Weight: 430g

Environmental Conditions
- Working Environment
  Temperature: 0°C ~ 40°C
  Humidity: 10% ~ 80%
- Storage Environment
  Temperature: -20°C ~ 70°C
  Humidity: 0% ~ 90%

Operating System

- Web: Server, For View Video and Configuration
- E-Mail: Client, For event trigger alert notification
- DHCP: Client
- Management: Web Base, HTML, Utility Software (For Windows)
- Protocol Support: TCP/IP, HTTP, HTTPS, DHCP, NTP, SMTP, UPnP, FTP, RTP/RTSP

Video
- Video Compression: MPEG4 / MJPEG

Resolution
- 640x480 (VGA)
- 320x240 (QVGA, system default)
- 160x120 (QQVGA)

Video Controls
- Auto-White-Balance
- Auto- Exposure

Special Video Features
- Time Stamp
- Text Overlay, 20 characters

Browser Support
Internet Explorer 6 and above

ActiveX Support
ActiveX 8.0 and above

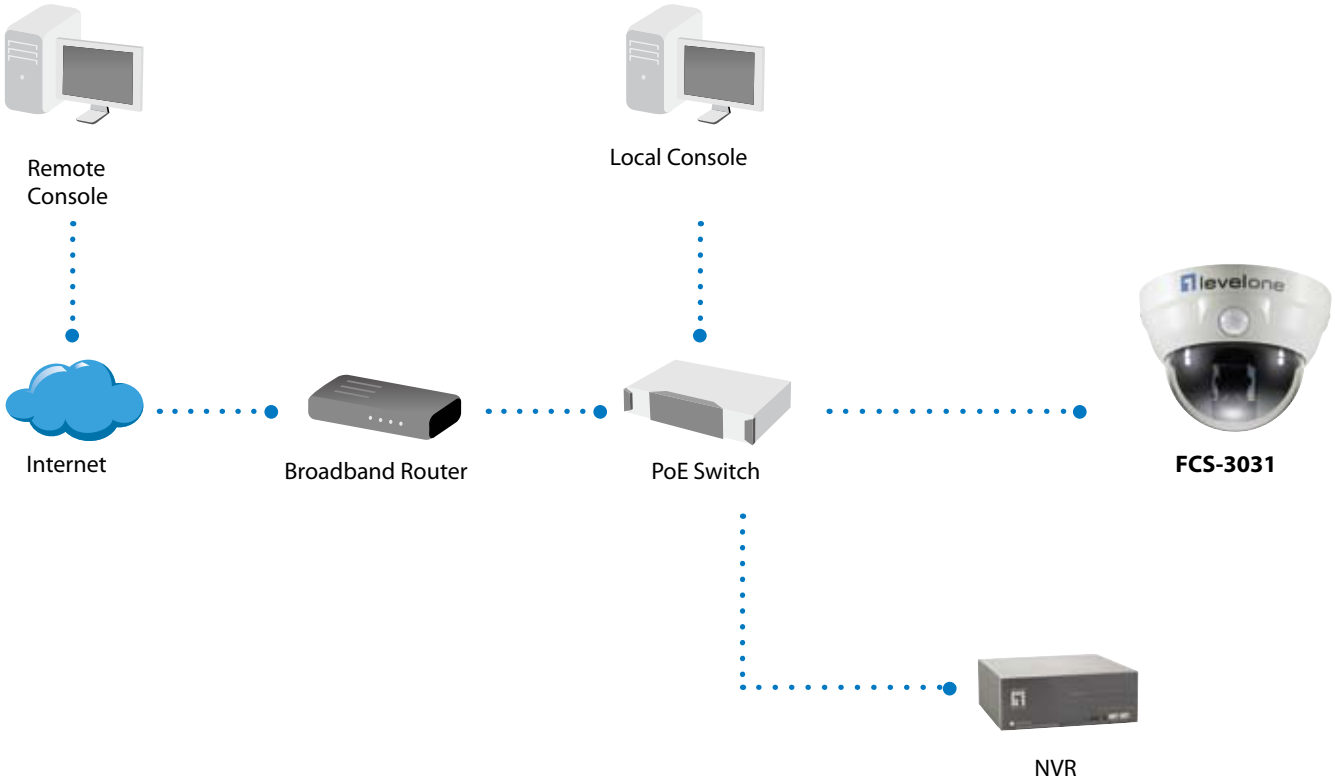
Audio
- Audio Compression: G.726, G.711 (a-law & u-law)
- Sampling Rate: 8 KHz
- Default Bit Rate: 16 Kbps

Alert
- Motion Detection: 4 Detection Areas with individual sensitivity
- I/O Ports: 1 Input and 1 Output ports for external device accessing
- PIR: The Human Detection in 5M range
- E-Mail Alert: 3 e-mail address
- FTP Uploading: 2 FTP servers address and login settings
- Instant Message: 1 Jabber client and 1 HTTP notification for IM notification

Utilities
Bundled with 32-Channel LevelOne IP CamSecure Lite surveillance management software

p.s., The audio upload (for speaker out) only supports G.726 compression method.

Product Diagram



Order Information **FCS-3031:** PoE PIR IP Dome Camera

Package Content

FCS-3031

Power Adapter

CD Manual/Utility

Quick Installation Guide

Allen Wrench

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